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PATENT
Attorney Docket No.: 18062G-003211US
Client Reference No.: SF99-113-3

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jennifer L. Harris, et al.

Continuation of Application
No.: 09/866,132

Filed: May 25, 2001

For: PROFILING OF PROTEASE
SPECIFICITY USING
COMBINATORIAL FLUOROGENIC
SUBSTRATE LIBRARIES

Examiner: Leary, Louise N.

Art Unit: 1654

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Mail Stop: Patent Application
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Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/866,132, filed May 25, 2003 (Attorney Docket No. 18062G-003210US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

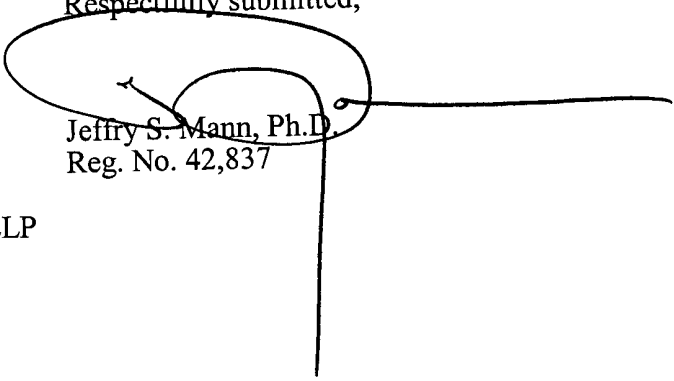
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

Complete if Known

Application Number

Continuation of 09/866,132

Filing Date

May 25, 2001

First Named Inventor

Harris, Jennifer L., et. al.

Art Unit

1654

Examiner Name

Leary, Louise N.

Attorney Docket Number

18062G-003211US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	US 4,335,204		06-15-1982	Claeson, <i>et al.</i>	
	AB	US 4,448,715		05-15-1984	Ryan, <i>et al.</i>	
	AC	US 4,557,862		12-10-1985	Mangel, <i>et al.</i>	
	AD	US 4,568,636		02-04-1986	Svendsen, Lars G.	
	AE	US 4,640,893		02-03-1987	Mangel, <i>et al.</i>	
	AF	US 4,897,444 A		01-30-1990	Brynes, <i>et al.</i>	
	AG	US 5,079,144 A		01-07-1992	Carr, <i>et al.</i>	
	AH	US 5,089,634 A		02-18-1992	Powers, <i>et al.</i>	
	AI	US 5,872,207 A		02-16-1999	Morgan, <i>et al.</i>	
	AJ	US 5,342,970 A		08-30-1994	Chalom, <i>et al.</i>	
	AK	US 6,037,137		03-14-2000	Komoriya, <i>et al.</i>	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	AL	GB	2,324,529	A	10-28-1998	Merck & Co Inc.		<input type="checkbox"/>
	AM							<input type="checkbox"/>
	AN							<input type="checkbox"/>
	AO							<input type="checkbox"/>
	AP							<input type="checkbox"/>
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STATEMENT BY APPLICANT**

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Page **2**of **2****Complete if Known**

Application Number	09/866,132
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First Named Inventor	Harris, Jennifer L., et. al.
Art Unit	1654
Examiner Name	Leary, Louise N.
Attorney Docket Number	18062G-003210US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BC	Adamczyk, <i>et al.</i> "Resin-Supported Labeling Reagents" <i>Bioorganic & Medicinal Chemistry Letters</i> (1999) Vol. 9, pp. 217-220.	
	BD	Backes, <i>et al.</i> "An Alkanesulfonamide 'Safety-Catch' Linker for Solid-Phase Synthesis" <i>Journal of Organic Chemistry</i> (1999) Vol. 64, pp. 2322-2330.	
	BE	Backes, <i>et al.</i> "Synthesis of Positional-scanning Libraries of Fluorogenic Peptide Substates to Define the Extended Substrate Specificity of Plasmin and Thrombin" <i>Nature Biotechnology</i> (2000) Vol. 18, pp. 187-193.	
	BF	Del Nery, <i>et al.</i> , "Characterization of the Substrate Specificity of the Major Cysteine Protease Cruzipain) from <i>Trypanosoma cruzi</i> Using a Portion-Mixing Combinatorial Library and Fluorogenic Peptides," <i>Biochemical Journal</i> , 323:427-433 (1997)	
	BG	Harris, <i>et al.</i> "Rapid and General Profiling of Protease Specificity by Using Combinatorial Fluorogenic Substrate Libraries" <i>Proceedings of the National Academy of Sciences</i> (2000) Vol. 97(14) pp. 7754-7759.	
	BH	Lee, D. <i>et al.</i> "A Substrate Cominatorial Array for Caspases" <i>Bioorganic and Medicinal Chemistry Letters</i> (1999) Vol. 9, pp. 1667-1672.	
	BI	Morita, <i>et al.</i> "New Fluorogenic Substrates for α -Thrombin, Factor Xa, Kallikreins, and Urokinase" <i>Journal of Biochemistry</i> (1977) Vol. 82(5), pp. 1495-1498.	
	BJ	Rano, <i>et al.</i> "A Combinatorial Approach for Determining Protease Specificities: Application to Interleukin-1 β Converting Enzyme (ICE)" <i>Chemistry and Biology</i> (1997) Vol. 4, 149-155	
	BK	Sawada, <i>et al.</i> , "Substrate Specificity of Ascidian Sperm Trypsin-Like Proteases, Spermosin and Acrosin," <i>Molecular Reproduction and Development</i> , 45:240-243 (1996)	
	BL	Zimmerman, <i>et al.</i> "Sensitive Assays for Trypsin, Elastase, and Chymotrypsin Using New Fluorogenic Substrates" <i>Analytical Biochemistry</i> (1977) Vol. 78, pp. 47-51.	

Examiner
SignatureDate
Considered

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